

PUBLIC WORKS, IRELAND.

EIGHTY-EIGHTH ANNUAL REPORT

OF THE

COMMISSIONERS OF PUBLIC WORKS

IN

IRELAND :

WITH

APPENDICES

FOR THE YEAR ENDING 31st MARCH, 1920.

Presented to Parliament by Command of His Majesty.



DUBLIN,

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REPORT AND APPENDICES.

TABLE OF CONTENTS.

Ancient Monuments (see National and Ancient Monuments)								PAGE
Arterial Drainage ... ..	...	...	...	...	...	...	...	5, 17
Dublin Reconstruction ... ..	...	...	...	...	...	...	...	14
Government Offices, new	...	...	...	...	...	...	...	4
Harbours	...	...	...	...	...	...	...	12
Ardglass ... ..	...	...	...	...	...	...	...	13, 16
Donaghadee ... ..	...	...	...	...	...	...	...	13, 16
Dunmore East ... ..	...	...	...	...	...	...	...	13, 16
Howth ... ..	...	...	...	...	...	...	...	13, 16
Kingstown ... ..	...	...	...	...	...	...	...	13, 15
Royal Harbours ... ..	...	...	...	...	...	...	...	13
Loans	...	...	...	...	...	...	...	13
Advances, Repayments, and Arrears	...	...	...	...	...	...	...	6
Globe Houses ... ..	...	...	...	...	...	...	...	14
Housing of the Working Classes	...	...	...	...	...	...	...	13
Interest, Rates of	...	...	...	...	...	...	...	8
Irish Church Fund ... ..	...	...	...	...	...	...	...	15
Land Improvement ... ..	...	...	...	...	...	...	...	14
Land Law Act, 1881 ... ..	...	...	...	...	...	...	...	14
Public Health ... ..	...	...	...	...	...	...	...	14
Lough Neagh Coal Boring ... ..	...	...	...	...	...	...	...	10
Marine Works (Ireland) Act, 1902	...	...	...	...	...	...	...	4, 13
Ministry of Labour ... ..	...	...	...	...	...	...	...	12
Do. Transport ... ..	...	...	...	...	...	...	...	9, 12
National and Ancient Monuments— General List of Structures dealt with during the year	...	...	...	...	...	...	...	17
Navigations—	...	...	...	...	...	...	...	13
Maligue ... ..	...	...	...	...	...	...	...	13
Shannon ... ..	...	...	...	...	...	...	...	13
National School Grants ... ..	...	...	...	...	...	...	...	4, 5
Non-Voted Services, details of	...	...	...	...	...	...	...	13
Phoenix Park ... ..	...	...	...	...	...	...	...	4
Public Works and Buildings	...	...	...	...	...	...	...	3
Civil Departments ... ..	...	...	...	...	...	...	...	12
Naval and Military ... ..	...	...	...	...	...	...	...	12
State and Official Residences	...	...	...	...	...	...	...	12
General ... ..	...	...	...	...	...	...	...	12
Railways—	...	...	...	...	...	...	...	5
Arkana Extension ... ..	...	...	...	...	...	...	...	5
Letterkenny and Burtonport	...	...	...	...	...	...	...	4
Sea Fisheries (Ireland) Act, 1883	...	...	...	...	...	...	...	13
Shannon Drainage ... ..	...	...	...	...	...	...	...	6
Sligo and Belmullet Steamer Service	...	...	...	...	...	...	...	12, 13
Voted Services, Details of	...	...	...	...	...	...	...

APPENDICES

A.—Details of Voted Services	12, 13
B.—Details of Non-Voted Services	13
C.—Details of Loan Services	13, 14, 15
D.—Kingstown, Dunmore, Howth, Donaghadee, and Ardglass Harbours	15, 16
E.—National and Ancient Monuments	17
F.—Abstract of Loans made by the Commissioners of Public Works, showing the advances and repayments in the year; total advances and repayments to the 31st March, 1920; amounts remitted and balances outstanding	18-21
G.—Abstract of Accounts for the year ending 31st March, 1920— Public Loans Advances.—An Account showing the Receipts and Expenditure of the Commissioners of Public Works, in the year ending 31st March, 1920	22-23
H.—Arterial Drainage, 26 & 27 Vic., c. 88, &c.—Abstract of Final Awards, and Repayments thereon for the year ending 31st March, 1920	24-27
I.—Statement of Purposes, &c., for which Loans are advanced	28, 29
J.—Tramways and Public Companies (Ireland) Act, 1883, 46 & 47 Vic., c. 43, General Statistical Return showing Incidence of Taxation, &c., &c., on the several Areas charged under Guarantees	30-33
K.—Railways (Ireland) Act, 1890—(a) Lines Constructed under the Act	34
“(b) Sligo and Belmullet Steamer Service	35

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COMMISSIONERS OF PUBLIC WORKS IN IRELAND.

FOR THE YEAR 1919-1920.

TO THE LORDS COMMISSIONERS OF HIS MAJESTY'S TREASURY.

MAY IT PLEASE YOUR LORDSHIPS,

We beg to submit our Eighty-Eighth Annual Report.

The report deals with the business of the year under the following heads :—

- (1.) Public Works and Buildings, including National and Ancient Monuments.
- (2.) Railways and Tramways.
- (3.) Loans.
- (4.) Miscellaneous.

The body of the Report contains statements and observations on matters under each of the three divisions which appear to deserve special notice. Details as to the various services are given in the Appendices.

(1.)—PUBLIC WORKS AND BUILDINGS.

Details of the provision made by Parliament for the year 1919-1920 for Public Works and Buildings (Ireland) will be found at pp. 54-61 of the Civil Service Estimates Class I for that year under the following principal heads :—

Naval (Coast Guard Buildings) and Military (Royal Hospital and Royal Hibernian Military School); State and Official Residences; Civil Departments; Legal Departments; Dublin Metropolitan Police; Royal Irish Constabulary; Dundrum Criminal Lunatic Asylum; Public Education; Revenue Departments.

Royal Parks and Gardens :—

Phoenix Park; St. Stephen's Green; the Curragh of Kildare.

Royal Harbours :—

Kingstown; Howth; Donaghadee; Dunmore; Ardglass.

Ancient Monuments under the Ancient Monuments Protection Acts, 1882 and 1892 (46 & 47 Vic., c. 73, and 55 & 56 Vic., c. 46).

In addition to works, &c., for which provision is made by Vote of Parliament, Part (L) of this Report deals with expenditure up to date under the Sea Fisheries (Ireland) Act, 1883 (46 & 47 Vic., c. 26), and the Marine Works (Ireland) Act, 1902 (2 Edw. VII., c. 24).

PHOENIX PARK.

The tillage operations on the lands attached to the Viceregal Lodge and to the official residences of the Chief Secretary and Under Secretary referred to in the Report for 1918-19 were continued.

Sixty-seven and a half acres of land produced 196 barrels of wheat, 347 barrels of oats, 96 tons of straw, 59 tons of potatoes, and 55 tons of mangolds. Taking into account sums received for hire of machinery, and allowing for a due proportion of capital expenditure, and for rents which, had the land not been tilled, would have been received for grazing, the financial result was satisfactory.

Eighty-one and a half acres on the Inchicore and Longmeadows Estates are still let for use as allotments.

DUBLIN RECONSTRUCTION.

In accordance with the arrangement sanctioned by your Lordships on the 7th December, 1916, we continued to report to the Irish Government on the applications for instalments of the *ex gratia* grants awarded for the rebuilding of premises damaged or destroyed during the disturbances of that year. These applications are made on the certificate of the owner's architect as the works progress. Up to the end of the year 1919-20 applications were referred to us in the case of one hundred and sixty buildings on which various sums amounting in all to £433,698 were found to be due and payable, and reports were issued accordingly.

SEA FISHERIES (IRELAND) ACT, 1883.

46 & 47 Vic., c. 26.

POSITION OF THE SEA FISHERIES FUND.

Of the £250,000 provided by the Sea Fisheries Act from the Irish Church Fund for the erection and improvement of Fishery Piers and Harbours the Balance remaining unallocated on the 31st March, 1920, was £1,027 5s. 3d.

Up to 31st March, 1920, £4,273 18s. 11d. had been expended in connection with the works at Burtonport Harbour. These works are estimated to cost £16,500, towards which the Development Fund Commissioners will contribute £12,980, Donegal County Council £3,500, and the Sea Fisheries Fund £20.

MARINE WORKS ACT, 1902.

2nd Ed. VII., c. 24.

Of the sum of £100,000 allocated for works under the Marine Works Act, a sum of £53,611 had been expended up to the close of the financial year 1915-16; there has been no expenditure since.

NATIONAL SCHOOL BUILDING GRANTS.

The following table shows the amounts voted for and expended on grants in each of the last twenty years:—

Year	Provision	Expenditure	Year	Provision	Expenditure
	£	£		£	£
1899-1901	40,000	38,554	Brought forward	342,500	297,897
1901-2	25,000	25,906	1910-11	65,000	67,971
1902-3	25,000	33,280	1911-12	65,000	57,083
1903-4	25,000	13,142	1912-13	65,000	36,137
1904-5	25,500	18,755	1913-14	65,000	51,267
1905-6	20,000	28,097	1914-15	65,000	58,830
1906-7	20,000	13,457	1915-16	65,000	45,895
1907-8	40,000	5,544	1916-17	18,000	5,200
1908-9	40,000	26,820	1917-18	11,000	7,170
1909-10	65,000	54,363	1918-19	9,400	4,671
			1919-20	12,000	3,596
Carried forward	342,500	297,897	Totals	762,500	579,437

NATIONAL SCHOOLS.

In January, 1915, the issue of building grants under ordinary conditions was suspended except for works already contracted for, and this suspension continued to the end of the year 1918-19. Its effects were mitigated by the authorisation of special grants for small repairs to keep old schools habitable. In April, 1919, Your Lordships authorised the resumption of building grants during the financial year, the expenditure to be limited to the most urgent cases outstanding. A list of such cases was prepared in consultation with the Commissioners of National Education, and up to the end of March, 1920, decisions to proceed had been taken in 75 cases of new schools and extensions to existing schools. The necessary preliminaries, viz. :—preparation of plans, invitation of tenders, and fixing of local contributions—take a considerable time, and in addition, owing to the high prices of building materials and labour, and to the scarcity of labour, it has been found difficult to obtain tenders in country districts for the erection of the buildings, so that contracts were actually made for the building of only 7 new schools during the year (4 by managers and 3 by ourselves) representing an expenditure of £20,155 of which £5,650 was locally contributed. Two new schools were completed during the year.

ANCIENT AND NATIONAL MONUMENTS.

(Irish Church Act, 1869; Ancient Monuments Protection Acts, 1882 and 1892; Irish Land Act, 1903.)

Works of repair and maintenance have been carried out at a number of Ancient and National Monuments. (See Appendix E.).

(2).—RAILWAYS.

LETTERKENNY AND BURTONPORT EXTENSION RAILWAY.

In our Report for 1917-18 particulars were given of the circumstances under which His Excellency the Lord Lieutenant, by an Order in Council had appointed Mr. Hunt, General Manager of the Londonderry and Lough Swilly Railway, to be Manager of the Burtonport Extension, subject to the supervision of Mr. Tatlow, and in our last report reference was made to the progress subsequently made in the restoration of the Railway and the great improvement that had resulted in the working of the Extension. In anticipation of the termination on 1st July, 1919, of the period of two years fixed by the Order in Council for the managership of the line, we applied to the Privy Council for an extension for a further period, as the reinstatement of the line had not been completed. Owing to the scarcity of materials and the difficulty in carrying out works during the war progress in restoring the Railway had been necessarily slow, and our Engineer reported that the work necessary to put the line into good order, repair, and condition, as required by the Order in Council of 4th July, 1917, would occupy another period of two years. This report and one from Mr. Tatlow as to the condition and working of the Extension were considered by the Privy Council. In the result a further Order was made on the 27th June, 1919, extending the period of Management from two to four years with the proviso that in case it should be certified by the Commissioners that the Railway and the rolling stock and other matters, on which the special fund of £10,000 provided by the Company under the Original Order was to be expended, had been put into good order, repair, and condition, the Lord Lieutenant might by Order in Council shroud the extended period.

ARIGNA EXTENSION RAILWAY.

Particulars as to the construction of this Railway to connect the Arigna Station on the existing Cavan and Leitrim Railway with the coal mines in the Arigna Valley, were given in our last report. The line was practically completed by the 31st March, 1920.

The Commissioners understand that it is being worked by the Cavan and Leitrim Railway Company for the actual cost under a temporary arrangement made by the Ministry of Transport, which will continue only during the period of the Government control of railways, and without any formal agreement.

SLIGO AND BELMULLET STEAMER SERVICE.

The arrangement for a continuance of this service under a subsidy from the Congested Districts Board referred to in our last three Reports terminated on 31st May, 1919. The Sligo Steam Navigation Company, however, continued to work a service after that date without subsidy till the middle of January last, when the sailings were terminated and the steamer was handed back to us. Shortly after the end of the financial year, and while the *s.s. Tartar* was still lying at Sligo awaiting Your Lordships' instructions as to her disposal, an emergency arose in the Belmullet district, where, owing to the failure of other means of transport, the food supply had run short. In the circumstances, at the request of the Local Government Board, we lent the ship for a special temporary service of one trip weekly for the conveyance of foodstuffs. The Local Government Board are paying the loss incurred on this temporary service out of funds at their disposal.

(3).—LOANS.

ADVANCES, REPAYMENTS, AND ARREARS.

The earliest mention of Public Works Loans to be found in the abstract (Appendix F.) submitted by the Board is in connection with the Statute 57 Geo. III., c. 34, passed in 1817. The total of all loan advances from that date to 31st March, 1920 (with certain loans made under special Acts before 1817), is £51,828,670.

The classified abstract in Appendix (F.), pages 19 to 21, shows the portions of this amount which have been (1) repaid, (2) remitted, (3) written off from Local Loans Fund, or (4) which remain outstanding. The figures showing repayment, remission, &c., of the total sum advanced are as follows:—

Total Repayments	£ 35,146,016
Total Remissions	8,166,318*
Written off the assets of the Local Loans Fund, but still legally outstanding against borrowers, less £680 recovered	188,776
Portion of Church Fund Loans regarded as irrecoverable	7,758
Outstanding Balances	8,325,892
	£51,828,670

The aggregate of outstanding balances is represented in the books of the Office by 28,822 open accounts. On the 31st March, 1915, the number was 34,396. The reduction is principally due to the suspension of loans during the war. A large proportion is repayable by annuity, viz.:—Loans secured on Lands, Class III., amounting to about £1,142,000; Miscellaneous Loans, Class IV., and certain Loans in Classes I. and II. (p. 18), including about £2,490,000 under the Labourers' Acts. The balance of the loans is in course of repayment by equal half-yearly instalments of principal with interest on the outstanding balances.

The amount issued to borrowers in the year 1919-1920 was £62,340, as compared with £72,459 in 1918-19.

Of the total amount of £62,340 issued, £60,775 was advanced on the following Services:—

Public Health	£ 1,152
Housing of the Working Classes	53,699
Land improvement 10 Vic., c. 32	6,624
	£60,775

The receipts in the year were £408,007 in repayment of principal, and £315,749 in respect of interest, making together £723,756. Of this sum £722,370 was paid over by the Board to the National Debt Commissioners in discharge of principal and

* Including £4,294,948 on Employment of the Labouring Poor (9 and 10 Vic., cap. 107) and £1,897,605 on River Drainage and Navigation (5 and 6 Vic. cap. 89) Loans.

interest on foot of loans made out of the Local Loans Fund, and £1,291 to the Irish Land Commission in respect of loans advanced out of the Irish Church Fund. The sum of £95 recovered in respect of loans written off was paid over to His Majesty's Exchequer during the year.

The following table shows the payments towards discharge of Loans, and the arrears of principal and interest for the last four years :—

YEAR	Payments	ARREARS			Total Principal outstanding (excluding Amounts written off, or regarded as irrecoverable)
		Principal	Interest	Total	
1916-1917	£ 761,383	£ 136,183	£ 12,067	£ 148,250	£ 8,324,676
1917-1918	739,011	145,568	12,121	157,689	8,066,986
1918-1919	828,388	150,519	12,184	162,694	8,431,400
1919-1920	723,756	132,329	10,990	143,319	8,325,902

The following Abstract shows the arrears on the various loan services in each of the past two years :—

	To 31st March, 1919			To 31st March, 1920			Principal Amount outstanding on 31st March, 1920
	Principal	Interest	Total	Principal	Interest	Total	
	£	£	£	£	£	£	£
Public Health Loans	363	179	541	417	175	592	1,418,929
Housing Loans	233	133	366	410	468	878	1,319,338
Railways	97,799	149	97,948	90,518	120	90,638	171,574
Other Public Works Loans	32,293	3,040	35,333	15,891	2,954	17,947	4,299,262
Land Loans payable by Owners	12,133	4,796	16,841	11,689	4,454	16,143	744,679
Loans under Land Law Act, 1881, payable by Occupiers	3,145	641	3,807	2,689	555	3,244	318,049
Artificial Drainage Charges, payable by Owners	4,182	2,695	6,877	4,359	2,643	6,972	51,081
Artificial Drainage Charges, payable by Occupiers	379	611	990	376	592	968	17,781
	150,510	12,184	162,694	133,329	10,990	144,319	(a) 8,325,902

(a) Excluding Amounts, £189,450, written off from the Local Loans Fund (of which £688 was subsequently received and paid over to the Exchequer) and £7,737, portion of Church Fund Loans regarded as irrecoverable.

The arrears on loans for Railways show a decrease of £1,291, all on Southern Railway.

Arrears on other Public Works Loans show a decrease of £17,316,

Arrears on Land Loans, payable by owners, were £16,143, as against £16,841 on 31st March, 1919, a decrease of £698.

Of the total amount of £1,637,932 advanced under Section 31 of the Land Law (Ireland) Act, 1881, a sum of £1,305,632 has been repaid. The arrears stood at £3,244 at the close of the year, as against £3,808 on 31st March, 1919—a decrease of £564.

The following statement of arrears on loans to owners and occupiers of land under various headings shows that in the seven years since 1913 the arrears have been reduced from £51,652 to £27,327, a drop of £24,325, equal to 47 per cent., a result which is attributable to the operation of the Land Purchase Acts, the increased prosperity of the farming classes and the active steps taken by our Solicitor's and Accountant's Departments to secure recovery of instalments overdue:—

ARREARS ON CERTAIN LOAN SERVICES (OWNERS AND OCCUPIERS OF LAND) ON 31ST MARCH IN THE YEARS 1913 TO 1920, INCLUSIVE.

Service	ARREARS ON 31ST MARCH.							
	1913	1914	1915	1916	1917	1918	1919	1920
	£	£	£	£	£	£	£	£
River Drainage, 26 & 27 Vic., cap. 88	15,121	15,912	14,036	14,026	7,560	7,588	7,566	7,568
River Drainage Maintenance	582	514	511	426	421	404	383	371
Improvement of Lands	13,138	12,309	10,828	9,637	9,458	9,066	8,832	8,505
Land Law, 44 & 45 Vic., cap. 49 (Sec. 31)	10,319	9,155	7,881	6,623	5,896	4,820	3,808	3,244
Advances to tenants for purchase of farms	3,060	2,696	2,445	2,259	2,317	2,304	2,232	2,128
Irish Church Fund Loans secured on lands	9,432	9,200	8,119	6,713	6,715	6,398	5,777	5,511
	£51,652	£48,786	£44,420	£39,675	£32,367	£29,490	£28,598	£27,327

In respect of these services, on the 31st March, 1920, the percentage of the combined total of written off sums and principal in arrear to the total principal repayable up to that date, £7,905,875, was only .92.

RATES OF INTEREST.

By Treasury Minute of 21st November, 1919, the rates of interest on new loans advanced on the security of local rates were fixed at 6 per cent. for periods not exceeding 30 years, and at 6½ per cent. for periods exceeding 30 but not exceeding 50 years.

Loans to Local Authorities for any purposes of the Housing Acts are made at the minimum rate fixed for loans secured on local rates for any period.

The following statement shows the rates of interest chargeable on the several amounts constituting the aggregate balances of principal outstanding on all the loan services in each of the years ended 31st March, 1918, 1919, and 1920, respectively:

	31st March, 1918	31st March, 1919	31st March, 1920
	£	£	£
Free of Interest	76	60	60
2½ per cent.	75,308	67,509	55,930
3	46,729	45,154	43,636
3½	313,545	290,679	257,144
3½ per cent.	819,054	778,658	737,590
3½	95,546	87,220	81,491
3½	4,373,971	4,146,620	3,854,291
3½	1,839,194	1,809,159	1,763,867
4	692,979	608,329	603,218
4½	426,885	427,807	453,223
4½	137,555	123,819	130,778
5	72,193	70,790	69,455
5½	64,692	136,290	188,281
6			27,921
6½			450
6½			475
Total Local Loans Fund	8,985,728	8,602,100	8,317,760
Church Fund Loans—at 1 per cent.	13,094	9,300	8,042
Seed Supply, 1917—Vote of Credit at 5 p.c.	117,364	—	—
	* 9,096,206	† 8,671,400	‡ 8,325,802

* In addition to—£129,263 written off from the Account of the Assets of the Local Loans Fund, and
 " —£7,090 portion of Church Fund Loans considered as irrecoverable
 † " —£189,453 written off from the Account of the Assets of the Local Loans Fund, and
 " —£7,761 portion of Church Fund Loans, considered as irrecoverable.
 ‡ " —£189,456 written off from the Account of the Assets of the Local Loans Fund, and
 " —£7,767 portion of Church Fund Loans, considered as irrecoverable.

Statement showing the Average rate of interest in respect of advances from the Local Loans Fund during the last ten years, calculated by computing the interest paid in each year on the principal outstanding at the end of the preceding year.

Year ended,	Balance outstanding	Interest received in the ensuing year.	Average rate of Interest received for the year.
	£ s. d.	£ s. d.	£ s. d.
31st March, 1919,	9,449,258 17 8	338,462 9 19	3 11 8
" 1911,	9,368,546 7 7	334,849 10 5	3 11 5
" 1912,	9,379,696 17 11	337,863 5 7	3 12 0
" 1913,	9,491,528 11 4	341,180 1 5	3 11 10
" 1914,	9,474,515 6 10	341,348 6 9	3 12 1
" 1915,	9,555,273 14 11	342,976 1 0	3 11 9
" 1916,	9,559,364 18 6	344,966 1 10	3 11 10
" 1917,	9,575,254 5 1	329,269 11 2	3 11 9
" 1918,	8,905,727 7 0	321,021 18 3	3 11 7
" 1919,	8,662,100 8 11	315,719 14 2	3 12 11

(4) MISCELLANEOUS.

MINISTRY OF TRANSPORT ACT 1919.

9 & 10 GEO. V., ch. 50.

By Order in Council dated 20th December, 1919, made under the provisions of the above Act, the powers and duties of the Commissioners of Public Works in relation to Railways, Light Railways, Tramways, Canals, Waterways, Inland Navigations, Roads, Bridges, Ferries, Harbours and Piers, as from the 1st January, 1920, were transferred to the Ministry of Transport, with the following exceptions:—

" (i) The powers and duties of the Commissioners under Section 28 of the Railways Clauses Consolidation Act, 1845, with respect to the formation of any cut river or watercourse across a railway.

" (ii.) The powers and duties of the Commissioners under the Railways Act (Ireland), 1851, as amended by subsequent Acts with respect to the compulsory acquisition of lands.

" (iii.) The powers and duties of the Commissioners under the Marine Works (Ireland) Act, 1902, with respect to any Marine Work as defined in that Act.

" (iv.) The powers and duties vested in the Commissioners with respect to the maintenance of any undertaking or work which at the aforesaid date of transfer they are maintaining, and the powers and duties of the Commissioners with respect to Baronial Guarantees under the Tramways and Public Companies (Ireland) Act, 1883, and with respect to the repayment and recovery of any moneys which at the aforesaid date of transfer they may have advanced upon the security of any works or undertaking.

" Provided that such powers and duties shall be exercised in consultation with the Minister of Transport."

The Order also provides that:—

" For the purpose of giving full effect to the transfer of powers from the Commissioners to the Minister of Transport the Commissioners shall, in any case or cases in which the Minister of Transport may notify the Commissioners that he deems it expedient, continue to exercise any of the powers of the Commissioners so transferred, and the acts of the Commissioners in the exercise of such powers shall be deemed to be the acts of the Minister of Transport."

For the present pending a settlement in detail we are continuing, with the concurrence of the Ministry of Transport, to exercise such of the powers and functions transferred by the Order in Council as fall within the lines of our ordinary business, we consult the Ministry of Transport on any point involving policy.

LOUGH NEAGH COAL BORING.

In January, 1918, the War Cabinet approved of a proposal, submitted by the Minister of Reconstruction and assented to by the Chief Secretary for Ireland, to make, at a cost not exceeding £15,000, not more than two borings for coal in the neighbourhood of Lough Neagh where it was believed that considerable coal deposits might be found.

It had been anticipated by the scientific advisers of the Minister that basalt would be reached after passing through surface soil, etc., 50 feet, and Lough Neagh clay 200 feet, and that chalk would be reached at 550 feet and would extend for 200 feet, after which the red sandstone series would extend from 750 feet to 1,500 feet. At 1,500 feet it was expected that some part of the carboniferous system of rocks and probably the coal measures would be tapped.

The Mineral Resources Department of the Ministry of Munitions who acted as agents for the Ministry of Reconstruction in the technical supervision of the operations obtained a contractor with the necessary boring plant and workmen from South Africa, and in December, 1918, started one boring at Washing Bay on the West shore of Lough Neagh.

As from 1st April, 1919, as the Mineral Resources Department of the Ministry of Munitions was being wound up and as the Minister of Reconstruction, on account of the statutory limitations of his functions, was not in a position to undertake the executive responsibilities arising out of the scheme, the Irish Government assumed responsibility for matters of policy, and at the same time with Your Lordships' sanction, we undertook the direction of the work in place of the Mineral Resources Department of the Ministry of Munitions.

The Chief Secretary decided to proceed only with the first borehole and to be guided by results as to how far it should go, and whether another bore should be opened.

When we took over direction of the works the borehole had reached a depth of 1,167 feet, the material encountered being Lough Neagh clay. Lithomarge (decomposed basalt) was met at 1,196 feet and gave considerable trouble. The sides of the drill hole wasted away by water action, and large cavities formed. Work at the drill had therefore to be suspended at 1,420 feet, while these cavities were being filled with cement forced down the drill hole.

The position then was that the point which was expected from the geology of the district so far as previously known to be reached at some 250 feet was reached actually at 1,500 feet. In view of the thickness of the clays and of the basaltic series as revealed by the boring and of the fact that the funds provided for it were approaching exhaustion, the Irish Government decided to consult Mr. Forster Brown, the Crown's Chief Mineral Adviser, as to the advisability of proceeding further.

When Mr. Forster Brown visited the site the boring had reached 1,766 feet (1,106 feet through the Lough Neagh clay, and 570 feet through lithomarge or basalt). In his report he estimated that the following further strata remained to be bored through before the coal measures would be reached :—

Basalt	...	...	...	...	...	350 feet.
Chalk	...	...	...	...	...	100 "
Trias	...	...	...	...	...	1,000 "
						—
						1,450
						—

which would make the depth from the surface to the top of the coal measures over 3,200 feet, and allowing a further 500 feet into the Coal Measures in order to find workable coal, would make a total depth of 3,700 feet, which is much in excess of the deepest working of coal in Great Britain and proportionately greater than the average depth of working now ruling. To sink and equip a modern colliery to a depth of 3,700 feet would cost at least £500,000. He added that no specially favourable features existed which would make it possible for coal worked from this depth to compete with coal from other fields in actual operation.

In view of this report the Irish Government decided that the work should be stopped. The boring operations accordingly ceased on the 27th October, 1919, at a depth of 1,969 feet. The bore hole was plugged and its position marked, in case boring should be resumed at a future date, and the core taken from it has been deposited in the Geological Survey Office.

Though the boring failed to find coal at a workable depth its result has been of much interest from both the scientific and economic points of view. Its primary object was to test the extension of the neighbouring coalfield in a region where the coal measures were likely to have been preserved by downfaulting. We are informed by Professor G. A. J. Cole, Director of the Geological Survey of Ireland, that the result of the boring shows that the lowering of the strata that appeared probable from Geological considerations has been considerable and continuous, but it has revealed a hitherto unsuspected development of the upper strata, which attain a thickness very much greater than the evidence in adjoining districts would suggest. Professor Cole draws special attention to the new information gained as to the characters and mode of deposition of the Lough Neagh clays and of the zones of decomposition that affected the basaltic series at successive epochs, and he points out that the continuous core provides valuable material for the study of the rocks traversed and for comparison with their representatives in other districts. Attempts are at present being made to utilise the lignites of the Lough Neagh district for commercial purposes, and the information gained from the bore has enabled sounder advice than was formerly possible to be given by the Geological Survey.

We have the honour to be,

Your Lordships' obedient Servants,

GEORGE A. STEVENSON,

PHILIP HANSON,

T. P. Le FANU.

J. J. HEALY,

Secretary.

4th December, 1920.

APPENDICES.

APPENDIX (A).

DETAILS OF VOTED AND SPECIAL SERVICES.

The works for which provision was made in the Estimates for Public Works and Buildings, Ireland, 1918-1919, have been carried out.

NAVAL AND MILITARY BUILDINGS.

Naval Works.—A considerable amount of work was carried out at various Coast Guard stations which had been unoccupied during the war, and the accommodation at all stations was examined with a view to improving the general standard of housing for the Coast Guard.

At the request of the Admiralty the Commissioners entered into negotiations for the surrender of properties in Ireland requisitioned for naval purposes in connection with the war. The negotiations have been completed in 89 cases.

Military.—The site of the Linen Hall Barracks—burned during the disturbances of 1916—has been cleared by the demolition of the ruins, employment on the work being found for a large number of demobilised soldiers.

Ministry of Pensions.—The extensions and improvements at Leopardstown Park Hospital and Training centre for discharged sailors and soldiers were carried out during the year.

The Commissioners have taken over the maintenance of the Orthopaedic Hospital, Blackrock, together with four houses for occupation by nurses engaged at the hospital.

Additional office accommodation was provided for the Ministry in Dublin and Cork.

STATE AND OFFICIAL RESIDENCES.

State and Official Residences in Dublin Castle vacated by the Red Cross Hospital Committee were restored to the purpose of ordinary residence.

CIVIL DEPARTMENTS.

New Public Offices in Merrion Street.—Satisfactory progress continues to be made with the North Block of New Public Offices.

Ministry of Labour.—Trinity Church, Lower Gardiner Street, was purchased by the Commissioners and the work of converting it into an Employment Exchange for the Ministry of Labour has been commenced. Accommodation has been provided in Dunlop House, Lower Abbey Street, Dublin, for the Women's Section of the Exchange.

Four Courts.—Sanitary accommodation for both sexes and a ladies retiring room have been provided and fitted up for the use of the public at the Four Courts.

Ministry of Transport.—Part of Oriel House, Westland Row, Dublin, was adapted for uses of this department.

GENERAL.

The purchase of the sites in Henry Street and Princes Street for extending the General Post Office has been completed, and a large number of demobilised soldiers employed in pulling down the ruined buildings on the sites and on part of the site of the old Post Office.

Owing to the reorganisation of Parcels Sorting work, extensive alterations of the screens, partitions, counters and other fittings were necessary and have been carried out at Amiens Street and Marlboro' Street Parcels Post Depots, and the Rotunda Sorting Office.

The work of extending the loading and storage space at the Stationery Office, Custom House, is in progress.

ROYAL HARBOURS.

Kingstown Harbour.—Part of the wharf wall of the East Pier, at the shore end, and of the projecting portion around the band promenade, was underpinned and rebuilt with concrete. A quantity of rubble stone was dumped at the west corner of Pierhead where the harbour bed had become eroded. The rock breaking dredger "Saxifrage" was employed in breaking and lifting rock from the bed of Dunleary Harbour and in clearing shoals from the Western side of the Carlisle Pier. A number of demobilised men were employed throughout the year in the construction of ferro-concrete piles in preparation for works about to be undertaken by the Commissioners. The works, plant, machinery, workshops and stores were properly maintained during the year.

Houth, Dunmore East, Ardglass and Donaghadee Harbours.—The works, buildings, plant and stores at these harbours were properly maintained during the year.

RIVER MAIGUE NAVIGATION.

The quay, swing bridge, and collector's house and premises were kept in good order. There was no traffic on this navigation during the year.

SHANNON DRAINAGE.

The sluices and works generally were maintained in good order.

APPENDIX (B).

DETAILS OF NON-VOTED SERVICES.

MARINE WORKS ACT, 1902.

The Marine Works constructed under the above-mentioned Act have been maintained in an efficient state of repair.

THE DEVELOPMENT AND ROAD IMPROVEMENT FUNDS ACT 1919. PART I.

Burtonport Harbour.—The works sanctioned in 1914 and postponed on account of the War (see reports for 1913-14 and 1914-15) were commenced in July and were still in progress at the end of the financial year. The scheme consists of the construction of a ferro-concrete pier, a wharf, and the dredging of an approach channel, and is estimated to cost £16,500. This sum will be provided as follows:—Contribution from Development Fund, £12,980; from County Council, £3,500, and from Sea Fisheries Fund, £20.

SHANNON NAVIGATION.

The locks, lock gates, bridges, culverts, cranes, buildings, embankments, tow paths, roads, wharves, jetties, piers, drains, fences, weirs, beacons, buoys, piles and floating plant, were maintained in good order. Considerable damage was done to the river embankments on the Limerick Canal by heavy storms in January, the repairs of which were still in progress at the close of the year. The total tonnage carried over the navigation was 56,989 tons, being an increase of 1,325 over the previous year mainly due to sand traffic. Two prolonged strikes on the Grand Canal seriously interfered with the general traffic.

APPENDIX (C).

DETAILS OF LOANS.

CLASS II.—LOANS SECURED ON RATES.

Housing of the Working Classes (Ireland) Acts, 1890 to 1919, No. 17 in Abstract, p. 18.

One application for a loan of £68,603 5s. 9d. was received during the year from an Urban Authority, as compared with four applications from Urban Authorities for £85,201 last year.

Public Health Acts, No. 19 in Abstract, p. 18.

Three loans were made during the year—amount £4,290.

The total amount of loans authorised for sanitary purposes since the passing of the Public Health Act, 1878, stood at £4,383,676 on the 31st March, 1920, and the total amount issued at £4,278,312. The distribution of the sum authorised amongst different sanitary purposes is as follows:—

Water Works	...	...	...	...	£1,796,160
Sewerage	...	...	...	...	812,692
Buildings	...	...	...	...	1,003,809
Streets...	...	...	...	...	750,293
Other purposes	...	...	...	...	20,722
					<hr/> £4,383,676 <hr/>

CLASS III.—LOANS SECURED ON LANDS.

This class comprises, in addition to loans made to tenants for purchase of their holdings, in accordance with the provisions of the Landlord and Tenant (Ireland) Act, 1870, the following loans, having for their object the improvement of land:—

- (a) Loans for Arterial Drainage under 5 & 6 Vic., c. 89.
- (b) Loans for Arterial Drainage works under 26 & 27 Vic., c. 88, and loans made for the Maintenance of Arterial Drainage works (29 and 30 Vic., c. 49).
- (c) Loans to Owners of lands for Improvements under 10 Vic., c. 32 and amending Act.
- (d.) Loans to Occupiers of lands for Improvements under sec. 31 of the Land Law (Ireland) Act, 1881 (44 & 45 Vic., c. 49).

Arterial Drainage, Nos. 26, 27, and 40 in Abstract, p. 20.

From 1842 to 1863 loans for Arterial Drainage were made under 5 & 6 Vic., c. 89; £2,082,052 was lent under this Statute, the greater part during and after the Famine of 1847. Of this amount £1,207,605 was remitted, and £874,447 repaid.

From 1863 loans for this purpose have been made under the Drainage and Improvement of Lands Act (Ireland), 1863, 26 & 27 Vic., c. 88, and amending Acts. The entire amount of such loans up to 31st March, 1919, is £855,104, including £6,136 lent out of the Irish Church Fund. No advance was made during the past year.

The amount advanced to 31st March, 1920, under 29 & 30 Vic., cap. 49, for Drainage Maintenance was £64,312.

Land Improvement Acts (Nos. 28 & 30 in Abstract, p. 20) and Land Law (Ireland) Act, 1881, (No. 30 in Abstract, p. 20).

On the 14th February, 1919, the suspension of the issue of loans under these Acts was removed.

During the past year 65 loans, amounting to £12,790, were sanctioned under the Land Improvement Acts (10 Vic. cap. 32 etc.), of which the sum of £6,524 was advanced bringing the total amount issued under these Acts to £6,006,995, of which £923,620 was advanced from Irish Church Funds.

Under the Land Law (Ireland) Act, 1881, Section 31 (44 and 45 Vic., Cap. 49) 14 loans amounting to £2,255 were sanctioned during the year and issues to the amount of £900 were advanced during the same period bringing the total amount issued under the Act to £1,637,932.

CLASS IV.—MISCELLANEOUS LOANS.

Glebe Loans, No. 32 in Abstract, p. 20.

No new loan was sanctioned during the year. Since the passing of the first Act, in 1870, 2,035 applications have been received, in respect of which a total sum of £724,182 has been advanced none of which has been lost or remitted, the arrears of £73 18s. 5d., shown in Appendix being merely casual. The following is an abstract of loans sanctioned on which issues were made wholly or in part to the 31st March, 1920:—

Denomination.	No.	Amount.
Roman Catholic, ...	1,067	£462,917
Church of Ireland, ...	330	157,497
Presbyterian, ...	232	77,275
Wesleyan and others, ...	106	34,109
Total ...	1,735	£730,898

CLASS V.—IRISH CHURCH FUND LOANS.

No loan or advance under previous loans was made from this fund during the year. Out of £1,269,933 advanced from the Irish Church Fund under the Relief of Distress (Ireland) Act, 1880, £1,205,431 has been repaid, £48,702 has been remitted, and of the balance (£15,800) outstanding, £2,767 is not yet due; £7,758 is regarded as irrecoverable, and £5,275 is in arrear.

The rate of interest due on these loans is 1 per cent., but borrowers are allowed to redeem their principal liabilities on the basis of 3 per cent. interest. The principal cancelled by such redemptions now amounts to £48,702.

APPENDIX (D.).

REPORTS FROM HARBOUR MASTERS.

DONAGHADEE HARBOUR, COUNTY DOWN.

Imports.—Coal, 17,090 tons. Other goods, nil.

Exports.—Nil.

Excluding fishing boats, the following are the entries made of vessels using the Harbour:—

Trading, 93. Windbound, stress of weather, &c., 14. Yachts, 76.

Fishing Season.—April, 1919, to March, 1920.

Fish Caught.—Herring, nil. Other Fish, 1,125 boxes, value, £1,270.

Number of boats fishing from Harbour, 6.

KINGSTOWN HARBOUR, COUNTY DUBLIN.

Imports.—Coal, 56,373 tons.

Exports.—116 tons green timber.

Fishing Season.—April, 1919, to March, 1920.

Fish Caught.—Herring, Nil; other Fish, 1,452½ cwt.; total value, £1,602 10s. 0d.

Number of boats fishing from the Harbour, 7.

A considerable number of men-of-war visited the Harbour during the year.

There was an increase in the amount of cargo discharged as compared with the previous year, but there was a falling off in the tonnage of vessels—both steam and sailing—using the Harbour for refuge.

RETURN of all Vessels using Kingstown Harbour during year ended 31st March, 1920.

Month.	Trading Vessels Loading or discharging Cargo				Vessels entering Harbour for shelter, bunker coal, orders, &c.				Yachts visiting the Harbour				Admiralty Vessels.			
	Steam.		Sailing.		Steam.		Sailing.		Steam.		Sailing.		Steam.		Sailing.	
1919	No.	Tons	No.	Tons	No.	Tons	No.	Tons	No.	Tons	No.	Tons	No.	Tons	No.	Tons
April	20	2,475	Nil	Nil	2	262	3	335	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
May	22	2,712	"	"	3	287	12	792	"	"	"	"	Nil	4,900	"	"
June	15	1,830	"	"	1	46	8	608	"	"	4	88	2	3,000	"	"
July	13	1,943	"	"	3	1,388	1	58	2	107	3	219	5	3,100	"	"
August	14	1,837	"	"	2	305	4	323	3	68	5	211	5	6,120	"	"
September	11	1,559	"	"	5	1,162	11	761	3	798	1	14	14	17,170	"	"
October	7	1,010	"	"	4	313	3	257	Nil	Nil	1	28	3	4,770	"	"
November	12	1,742	"	"	2	726	3	355	"	"	Nil	Nil	Nil	Nil	"	"
December	10	1,300	"	"	10	927	3	165	"	"	"	"	3	1,760	"	"
1920.																
January	12	1,915	"	"	12	1,437	7	716	"	"	"	"	1	790	"	"
February	12	1,683	"	"	5	439	7	431	"	"	"	"	2	2,100	"	"
March	14	1,761	"	"	12	1,352	3	272	"	"	"	"	7	3,723	"	"
	162	21,244	"	"	64	9,445	67	5,052	5	973	14	560	47	60,203	"	"

In addition to this list, the following vessels regularly use the Harbour, viz: 2 Mail Steamers, 2 Irish Lights Steamers, 1 Pilot Boat, and 49 small craft.

HOWTH HARBOUR, COUNTY DUBLIN.

Imports.—Coal, 2,038 tons.

Salt, 189 „

Exports.—Pickled Herrings—3,900 whole barrels; 2,600 half-barrels. Total weight 865 tons.

Excluding fishing boats, the following are the entries made of vessels using the harbour :—Cargo vessels, 18; windbound, 4; yachts, 6.

RETURN of Fishing for year ended 31st March, 1920.

Fishing Season		Fish Caught.				Number of Boats Fishing from Harbour
From	To	Herrings		Other Fish		
		Quantity	Value	Quantity	Value	
10th June, 1919	19th Sept., 1919	*Mease	£ s. d.	15,100 mease mackerel,	£ s. d. 78 10 0	77
1st Oct., 1919	31st March, 1920	21,463	27,965 8 0	4,139 boxes other fish 10 dozen of lobsters.	9,089 17 0 11 0 0	

* A mease represents 635 fish; a hundred, 127 fish; and a dozen, 12.

Kippers to the amount of 19,000 boxes were prepared, the price realised being £57,000.

The boats used in the fishing included 68 motor boats, and 9 sailing boats, (77), of which 10 were Cornish and 67 Irish.

ARDGLASS HARBOUR, COUNTY DOWNS.

Imports.—Coal, 1,468 tons.*Exports.*—Potatoes, 3,040 tons.

Excluding Fishing Boats, the following are the entries made of Vessels using the Harbour :—

Steamers, 26.

Motors, Nil.

Sail, Nil.

RETURN of Fishing for year ended 31st March, 1920.

Fishing Season		Fish Caught.				Number of Fishing Boats using the Harbour
From	To	Herrings		Other Fish		
		Quantity	Value	Quantity	Value	
		Mease	£ s. d.	cwt.	£ s. d.	
1st May	31st Oct.	9,672	17,909 11 0	1,209	1,663 10 0	81

DUNMORE EAST HARBOUR, COUNTY WATERFORD.

Imports.—Coal, 715 tons; salt, 110 tons; timber, 4 tons.*Exports.*—Oats, 34 tons; pitwood, 73 tons.

Excluding fishing boats, the following are the entries made of vessels using the harbour :—Trading, 8; for shelter, 39.

RETURN of Fishing for the year ended 31st March, 1920.

Fishing Season		Fish Caught.				Number of Boats Fishing from Harbour
From	To	Herrings		Other Fish		
		Quantity	Value	Quantity	Value	
22nd April	22nd June	Crabs	£ s. d.	cwt.	£ s. d.	93
16th Dec.	8th Mar.	7,658	20,612 15 8	4,263	2,955 12 4	

Shell-fish Landed.—162 doz. Lobsters, value for £131 12s. 0d. 91 doz. Crabs, value for £21 4s. 0d.

APPENDIX (E).

NATIONAL AND ANCIENT MONUMENTS.

Irish Church Act 1869 (32 and 33 Vic. c. 42) ; Ancient Monuments Protection Act 1882 (45 & 46 Vic. c. 73) ; Ancient Monuments Protection Act, 1892 (55 & 56 Vic. c. 46) ; and Irish Land Act 1903 (3 Ed. VII., c. 37).

During the year the following Monuments have been offered to us ;

By the Estates Commissioners under Section 14 of the Irish Land Act 1903 :—

Boolabaun Castle, Co. Tipperary.

Obelisk at Lugaphull, Co. Mayo.

By the Congested Districts Board :—

Miosgan Meva, Co. Sligo.

By private owners :—

Ardamullivan Castle, Co. Galway.

Granagh or Granny Castle, Co. Kilkenny.

Listowel Castle, Co. Kerry.

Tipperary Grammar School Arch.

Of these we have accepted :—

Ardamullivan Castle, Co. Galway.

Granagh or Granny Castle, Co. Kilkenny.

Listowel Castle, Co. Kerry.

Miosgan Meva, Co. Sligo.

The following Monuments have been vested during the year :—

Ardamullivan Castle, Co. Galway.

Ballymagibbon Cairn, Co. Mayo.

Granagh or Granny Castle, Co. Kilkenny.

Works of repair and maintenance were carried out during the year at :—

Askeaton Abbey and Castle, County Limerick.

Athenry Abbey, County Galway.

Bective Abbey, County Meath.

Buttevant Abbey, County Cork.

French Church, Waterford.

Glendalough, County Wicklow.

Kilcooley Abbey, County Tipperary.

Knockmoy Abbey, County Galway.

Manister Abbey, County Limerick.

Monuments on Dingle Promontory.

St. MacDara's Church, County Galway.

St. Mary's Church, Gowran, County Kilkenny.

Sligo Abbey.

Trim Abbey, County Meath.

The following is an ABSTRACT of LOANS made by the COMMISSIONERS of PUBLIC WORKS, showing the Amounts Remitted, and

No.	Acts under which Advances have been made	PURPOSES FOR WHICH ADVANCED	No. of open Loan Accounts up to 31st March, 1920	ADVANCED TO BORROWERS		PRINCIPAL repaid and										
				In the Year ended 31st March, 1920	Total up to the 31st March, 1920	In the Year ended 31st March, 1920.										
						Principal.	Interest.									
I PUBLIC WORKS LOANS, 1 & 2 Wm IV, c. 33, and 60 and 61 Vic, c. 27																
CLASS I—LOANS SECURED ON UNIMPROVED LANDS				£	s.	d.	£									
1	1 & 2 Wm. IV, c. 33	Local Boards, not Secretary Authorities, and Public Companies	1	—	166,234	0	0									
2	Do	Island Navigation,	—	—	134,597	6	5									
3	Do	Railways,	5	—	1,568,187	14	1									
4	1 & 2 Wm. IV, c. 33, and 64 & 65 Vic, c. 48, s. 40, s. 8	Quarries, Mines and Miscellaneous, (including Loans to Congested Districts Board)	20	—	380,777	10	3									
5	1 & 2 Wm. IV, c. 33	Harbours, Docks, &c	10	—	666,784	13	7									
6	Do	Reclamation of Waste Lands,	—	—	130,681	0	0									
7	29 & 30 Vic, c. 44	Labourers' Dwellings in Towns	17	—	189,811	10	3									
8	29 & 30 Vic, c. 44, 45 & 46 Vic, c. 72, and 60 & 61 Vic, c. 70	Housing of the Working Classes, (See also Class 2, No. 12)	50	—	406,806	0	0									
				122	—	3,589,593	8	2								
CLASS II—LOANS SECURED ON RATES																
9	1 & 2 Wm. IV, c. 33, and 61 & 62 Vic, c. 54, sec. 4	County Councils, for Roads, Court Houses, &c	138	455	0	0	1,397,163	0	4							
10	Do	Roads and Bridges,	4	—	206,480	12	4	111	12	0						
11	60 & 61 Vic, c. 15 & 84, 44 & 45 Vic, c. 28, 45 Vic, c. 18, 6 Edw. VII, c. 67, 4 Vic, c. 3	Public Buildings—Public Libraries, Reformatories and Industrial Schools, Loans under Children Act, 1900	9	—	88,850	0	0	793	9	3						
12	87 Geo. III, c. 36	Fishery Piers and Harbours,	—	—	63,544	17	3	—	—	—						
13	16 & 17 Vic, c. 135	Public Works Loans,	1	—	481,444	19	8	—	180	0	6					
14	19 & 20 Vic, c. 62	Repairs of Fishery Piers and Harbours,	—	—	22,017	7	6	—	—	—						
15	15 & 16 Vic, c. 100	Maintenance of Navigation Works	—	—	2,609	1	0	—	—	—						
16	45 & 46 Vic, c. 72, and 62 & 63 Vic, c. 70, s. 2 Edw. VII, c. 64	Locating Artisans' Buildings,	285	—	3,298,189	8	11	66,982	4	0						
17	45 & 46 Vic, c. 72, and 62 & 63 Vic, c. 70, s. 2 Edw. VII, c. 64	Housing of the Working Classes, (See also Class I, No. 8)	296	53,009	0	0	1,636,606	18	3	36,634	16	3				
18	36 & 37 Vic, c. 26	Artisans' Dwellings,	—	—	61,000	0	0	—	—	—						
19	37 & 38 Vic, c. 93, 41 & 42 Vic, c. 82	Public Health	1,100	1,182	0	0	4,378,312	13	6	78,908	10	8				
20	45 & 46 Vic, c. 47	Emigration	—	—	11,785	3	10	—	—	—						
21	65 & 47 Vic, c. 60, 48 & 49 Vic, c. 77	Labourers' Aids	1,316	—	1,473,829	0	6	32,406	8	1	94,038	3	6			
22	42 & 43 Vic, c. 25, sec. 51	Dispensary Houses	217	260	0	0	337,102	19	1	6,531	14	6	4,103	9	5	
23	61 & 62 Vic, c. 37, sec. 51	Workhouse Buildings	194	—	264,007	2	7	8,284	3	1	8,614	17	8			
24	62 & 63 Vic, c. 44	Acquisition of Small Dwellings	36	—	120,276	18	0	6,402	16	7	3,119	10	3			
25	62 & 63 Vic, c. 80	Agriculture and Technical Instruction,	28	—	44,280	0	0	1,119	0	6	1,323	11	3			
26	6 & 7 Geo. V, c. 88	Dublin Reconstruction	1	—	25,060	0	0	212	10	8	1,252	4	1			
				2,863	34,986	0	0	15,336,632	7	3	227,744	4	2	230,092	7	4

Advances and Repayments in the Year, the Total Advances and Repayments to the 31st March, 1920, the Balances Outstanding.

Interest paid by Borrowers			BALANCES Outstanding against Borrowers on 31st March, 1920.										No.
Total to 31st March, 1920			Remitted	Principal					Not yet due		Interest.		
purpose	Interest.	£ s d		In Arrear									
				Balance of loan the first of April of the year (last paid).	Value of loan the first of April of the year (last paid).	Value of loan the first of April of the year (last paid).	Value of loan the first of April of the year (last paid).	Value of loan the first of April of the year (last paid).					
a	b	c	d	e	f	g	h	i	j	k	l		
£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d		
100,634 4 8	97,816 8 9	—	—	—	—	—	—	—	3,899 15 4	—	1		
114,028 11 2	107,499 13 1	10,000 0 0	9,688 15 9	—	9,688 15 0	—	—	—	—	—	2		
106,302 14 11	108,612 8 4	127,190 18 2	—	—	—	—	90,617 16 0	76,988 7 0	129 7 4	—	3		
107,243 19 3	98,306 5 2	—	—	—	—	—	—	100,833 19 11	—	—	4		
101,546 13 8	470,645 9 1	53,832 9 4	—	—	—	—	16,779 2 2	94,207 8 7	2,028 9 11	—	5		
109 17 8	12,990 0 0	—	130,446 2 4	—	130,446 2 4	—	—	—	—	—	6		
102,679 4 7	131,690 12 4	1,322 18 10	2,387 11 2	—	2,387 11 2	—	—	2,682 0 7	—	—	7		
118,531 17 7	168,112 3 8	—	89 15 10	—	89 15 10	—	240 0 0	95,827 6 7	110 3 0	—	8		
1,364,302 3 2	1,748,849 17 8	222,976 4 4	142,691 4 4	—	142,690 6 4	—	112,636 18 2	447,206 18 2	2,259 0 5	—			
995,874 4 9	208,314 0 2	—	—	—	—	—	—	114,268 1 7	—	—	9		
109,808 9 7	107,116 11 8	8,831 11 11	—	—	—	—	8 4 0	4,842 7 10	—	—	10		
81,919 14 4	31,968 17 8	1,963 17 11	—	—	—	—	—	5,078 7 9	—	—	11		
82,644 17 3	8,099 18 7	—	—	—	—	—	—	—	—	—	12		
107,633 8 3	100,202 5 10	177,911 13 5	—	—	—	—	—	8,000 0 0	—	—	13		
28,872 13 4	1,029 19 4	344 14 2	—	—	—	—	—	—	—	—	14		
2,909 1 8	9 12 8	—	—	—	—	—	—	—	—	—	15		
102,467 14 6	994,828 18 11	12,182 0 0	—	—	—	—	—	942,598 11 5	—	—	16		
100,229 19 11	411,792 3 3	—	—	—	—	—	169 13 1	1,236,209 6 3	298 4 10	—	17		
81,000 0 0	20,475 19 2	—	—	—	—	—	—	—	—	—	18		
1,101,690 8 8	1,773,766 4 1	—	—	—	—	—	399 12 2	1,156,246 12 2	164 10 11	—	19		
11,266 3 10	3,363 18 8	—	—	—	—	—	—	—	—	—	20		
103,076 12 4	8,239,628 9 9	—	—	—	—	—	—	3,489,808 8 4	—	—	21		
120,303 0 3	130,668 11 8	—	—	—	—	—	47 7 0	138,766 11 10	8 12 10	—	22		
110,002 14 3	91,879 0 1	—	—	—	—	—	—	147,404 8 4	—	—	23		
64,921 2 8	24,356 0 3	—	—	—	—	—	—	62,305 15 4	—	—	24		
12,063 18 11	14,535 10 8	—	—	—	—	—	—	32,316 1 1	—	—	25		
589 0 0	1,906 8 8	—	—	—	—	—	—	24,200 0 0	—	—	26		
1,079,371 2 7	4,366,838 17 1	109,214 17 5	—	—	—	—	894 15 2	4,266,463 11 11	469 13 7	—			

The following is an ABSTRACT of LOANS made by the COMMISSIONERS of PUBLIC WORKS, showing the Amounts Remitted, and

No.	Acts under which Advances have been made.	PURPOSES FOR WHICH ADVANCED	No. of open Loans Accounts on 31st March, 1920.	ADVANCED TO BORROWERS		PRINCIPAL repaid and		
				In the Year ended 31st March, 1920.	Total up to the 31st March, 1920.	in the Year ended 31st March, 1920.		
						Principal	Interest.	
				£ s. d.	£ s. d.	£ s. d.	£ s. d.	
		CLASS III.—LOANS SECURED ON LANDS						
26	25 & 27 Vic, c. 38.	River Drainage.	2 260	—	449,947 17 3	23,329 11 0	9,367 17 2	
27	29 & 30 Vic, c. 49. 43 & 44 Vic, c. 14, sec. 13.	River Drainage Maintenance, (including Loans to Trustees of Drainage Districts).	90	—	64,312 3 3	300 6 7	25 1 10	
28	10 Vic, c. 32, &c.; 44 & 45 Vic, c. 49, sec. 15.	Improvement of Lands—viz., Drainage, Erection of Farm Buildings and Farm Labourers Dwellings, Planting for Shelter.	9,003	8,524 0 0	5,083 275 3 10	47,663 19 8	17,720 16 3	
29	10 Vic, c. 32, s. 15.	Land Improvement Preliminary Expenses	1	—	102,200 0 0	—	—	
30	44 & 45 Vic, c. 49 s. 34.	Land Law—Advances to Occupiers of Land for Improvement of their Holdings.	14,249	900 0 0	1,827,923 38 0	33,047 0 0	11,631 19 8	
31	23 & 24 Vic, c. 49,	For Advances to Tenants for Purchase of their Farms, &c.,	719	—	519,100 6 7	4,596 8 6	5,713 8 3	
				22,673	7,624 0 0	8,252,938 0 11	108,737 5 9	44,258 14 2
		CLASS IV.—MISCELLANEOUS LOANS						
32	23 & 24 Vic, c. 112, &c.	Globe Loans.	854	—	754,102 8 0	12,320 2 4	8,749 18 6	
33	38 & 39 Vic, c. 82,	National School Teachers' Residences.	1,168	10 0 0	295,297 11 0	8,692 3 11	4,339 3 20	
34	47 & 48 Vic, c. 22,	Non Vested Schools and Training Colleges.	147	—	132,209 39 0	4,627 15 7	2,293 16 7	
				3,170	10 0 0	1,154,789 9 0	28,630 1 10	32,670 18 11
		Total Current and Unsettled Services.	—	62,340 0 0	28,638,843 5 2	406,745 8 4	325,719 14 2	
		Add Total Closed Services.	—	—	22,398,754 18 2	—	—	
		Gross Total Local Loans Paid.			28,837	62,340 0 0	50,435,598 1 2	328,418 14 2
		II IRISH CHURCH FUND LOANS						
		CLASS I.—LOANS SECURED ON RATES.						
35	42 Vic, c. 4, 43 & 44 Vic, c. 14	Public Health.	9	—	37,525 10 0	210 15 0	22 16 0	
36	Do.	Sanitary Works.	—	—	273,188 19 10	—	—	
37	Do.	Relief of Distress.	—	—	11,383 13 4	—	—	
38	Do.	Relief of Distress Grants.	—	—	19,969 3 0	—	—	
				9	—	340,176 17 2	210 15 0	22 16 0
		CLASS II.—LOANS SECURED ON LANDS						
39	Do.	Improvement of Lands.	286	—	923,619 37 5	1,360 15 6	7 8 9	
40	Do.	Artificial Drainage.	—	—	4,136 1 0	—	—	
				296	—	929,755 15 5	1,360 15 6	7 8 9
		Total Irish Church Fund Loans	296	—	1,259,912 15 7	1,361 39 6	28 19 2	
	7 and 8 Geo v c. 30	III. Seed Supply, &c.,	—	—	123,139 18 2	—	—	
		Grand Total.	28,837	62,340 0 0	51,628,870 15 2	408,006 15 9	315,749 13 5	

Advances and Repayments in the Year, the Total Advances and Repayments to the 31st March, 1920, the Balances Outstanding—continued.

INTEREST paid by Borrowers		BALANCES Outstanding against Borrowers on 31st March, 1899									20
Total to 31st March, 1899		Borrowed	Principal						Interest.		
Principal	Interest		In Arrear					Not yet due			
			Written off from the Account of Assets of the Local Loans Fund.	Subs. Sums paid in Arrear	Not Sums paid in Arrear in respect of Local Advances written off the Assets of the Local Loans Fund	Other Advances					
£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	£ s d	
143,619 2 8	667,353 12 9	—	7,765 12 36	15 14 2	7,742 18 8	4,486 4 33	83,856 11 6	3,161 10 0	26		
63,492 16 8	18,782 5 1	155 0 0	9 13 8	—	9 13 8	308 11 1	345 1 36	63 2 1	27		
1,025,212 13 11	2,228,243 15 5	—	11,777 14 8	—	11,777 14 8	5,796 7 11	557,586 7 4	2,706 13 7	28		
100,842 4 2	—	1,012 3 1	283 16 4	—	283 16 4	—	59 16 5	—	29		
1,387,682 3 9	521,562 10 5	—	14,933 18 4	963 2 5	14,260 22 11	2,669 4 2	312,350 9 2	554 22 10	20		
127,720 16 10	454,609 17 9	—	6,111 8 10	1 4 8	6,110 4 2	625 17 6	174,672 8 1	1,512 2 4	31		
1,023,949 16 0	4,030,982 1 8	1,168 3 1	1,069,863 1 8	8079 1 3	46,185 0 5	22,818 5 7	2,141,816 23 10	7,996 7 10			
168,477 19 11	431,799 16 2	—	—	—	—	73 18 8	183,639 9 8	16 11 5	32		
173,337 0 0	178,112 14 2	—	—	—	—	21 2 3	124,839 8 11	7 12 11	33		
71,659 15 10	74,914 9 0	—	—	—	—	5 19 5	60,640 1 9	3 2 1	34		
813,674 15 9	664,826 19 4	—	—	—	—	183 19 11	343,210 13 4	27 7 8			
1,065,947 19 6	12,752,627 16 4	422,359 4 10	199,486 6 8	680 1 3	188,776 4 9	127,853 18 11	3,196,706 17 3	10,154 9 3			
1,718,458 3 0	1,369,523 12 8	7,666,256 13 2	—	—	—	—	—	—			
1,025,817,646 2 6	1,14,072,841 8 0	6,111,615 18 0	189,496 6 0	680 1 3	188,776 4 9	127,853 18 11	3,196,706 17 3	10,754 9 3			
			Portion of Loans repaid as irrecoverable			8,317,709 16 2					
36,425 18 0	4,828 12 4	—	—	—	—	—	2,006 12 0	—	35		
271,182 11 4	22,675 6 11	6 19 6	—	—	—	—	—	—	36		
13,283 15 4	621 17 11	—	—	—	—	—	—	—	37		
—	—	19,069 3 0	—	—	—	—	—	—	38		
312,801 2 8	29,835 17 2	19,676 2 6	—	—	—	—	2,006 12 0	—			
101,050 6 11	167,370 8 20	38,899 6 11	7,767 11 11	—	—	5,275 8 4	667 3 4	225 6 8	39		
5,699 3 5	438 5 4	726 17 7	—	—	—	—	—	—	40		
194,629 19 4	158,998 14 4	11 28,626 4 4	7,767 11 11	—	—	5,275 8 4	667 3 4	225 6 8			
1,265,490 13 0	187,944 11 6	68,702 7 0	7,767 11 11	—	—	5,275 8 4	2,766 15 4	225 6 8			
123,139 18 2	10,296 6 11	—	—	—	—	—	—	—			
1,145,816 12 5	14,270,674 6 5	8,199,218 5 0	—	—	—	—	5,385,801 18 10	10,989 15 11			

(1) Sec 106 (1) da id, written off in the year, per Act 9 and 10 Geo. V, c. 31
(2) " (17) 18, id "
(3) " (17) 18 id " paid over to H.M. Revenue under Sec 11, Sub-sect. 2, of the National Debt and Local Loans Act, 1910, 80 & 81 Vol., c. 18
(4) " (18) 19, id "
(5) " (18) 19, id "
(6) " (19) 20, id "
(7) " (19) 20, id "
(8) " (20) 21, id "
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(146) " (89) 90, id "
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(G.)—ABSTRACT of the ACCOUNTS of the COMMISSIONERS of PUBLIC WORKS in IRELAND, showing the Total

Reference to Account	Page	Branch or Account	Subsidiary on 31st March, 1920.	Balance
		Parliamentary Votes and Grants, viz. :— 1. Public Works and Buildings, Ireland. 2. Public Offices Site (Dublin) Act, 1903 (Non-Voted Account). 3. Railways (Ireland) Acts. 4. Railways Act, 1896, and Marine Works Act, 1902 (Non-Voted Account). 5. Public Works Office, Ireland.	£ s d	£ s d
			—	634,556 0 0
G ¹		Loans Advances	27,891 4 7	60,900 0 0
G ²		Loans Repayments	—	723,756 12 2
G ³		Land Improvement Preliminaries, 10 Vic., c. 32, sec. 15.	9 18 9	251 11 1
G ⁴		Advances to Local Authorities by way of Loan to Purchase Seeds and Manures	130,268 6 11	—
		Sea Fisheries, Ireland, 46 & 47 Vic., c. 26	1,007 5 3	875 0 0
		Miscellaneous Services, viz. :— 1. Deposit Accounts, 1 & 2 Wm. IV., c. 33, &c. 2. Railway and other Arbitrations Deposit Accounts, 14 & 15 Vic., c. 70. 3. Arterial Drainage Deposits, 26 & 27 Vic., c. 88, &c. 4. Inland Navigations—Shannon. 5. Telephone Capital. 6. National Monuments, 32 & 33 Vic., c. 42. 7. Linen Hall. 8. Southern Railway. 9. Letterkenny Railway. 10. Development Grant (Ireland). 11. Light Railways Surplus Revenue Account. 12. Sundry Accounts. 13. National School Grants, Local Contributions.	—	77,263 15 6
		Total,	159,266 15 6	1,496,732 18 9

An ACCOUNT showing the RECEIPTS and EXPENDITURE of the COMMISSIONERS

	£ s d.	£ s d.
G ¹ Advances		
To Balance,	—	27,891 4 7
„ Public Works Loans :—		
1918-1919, £250,000—National Debt Commissioners,	30,000 0 0	
1919-1920 £2,000,000—National Debt Commissioners	30,000 0 0	
		60,900 0 0
		87,891 4 7
G ² Repayments		
To Public Work Loans :—		
Amount received in repayment		723,465 2 6
„ Church Fund Loans		
Amount received in repayment		1,291 9 8
		723,756 12 2
G ³ Land Improvement Preliminaries		
Receipts		
To Balance from last Account		9 18 9
Amount received from Proprietors in repayment of preliminary expenses		251 11 1
To Balance		220 9 6
		481 18 10
G ⁴ Vote of Credit—Seed, &c., Loans		
To Balance		130,268 6 11

of Sums intrusted to their Management for Collection or Disbursement for Year ended 31st March, 1920.

Balance overdrawn, 31st March, 1919	Tonnes	Overdrawn Balance from Accounts to 31st March, 1919	Paid.	Balance on 31st March 1920	Tonnes
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
—	634,556 0 0	108,730 4 0	522,362 17 2	3,462 18 10	634,556 0 0
—	87,891 4 7	—	62,340 0 0	25,551 4 7	87,891 4 7
—	723,756 12 2	—	723,756 12 2	—	723,756 12 2
220 9 0	481 18 10	—	481 18 10	—	481 18 10
—	130,268 6 11	—	130,268 6 11	—	130,268 6 11
2,201 13 0	4,173 18 3	—	4,173 18 3	—	4,173 18 3
—	77,293 15 6	4,928 1 7	68,646 8 1	3,719 5 10	77,293 15 6
2,423 2 0	1,658,421 16 3	113,658 5 7	1,512,030 1 5	32,733 9 3	1,658,421 16 3

of PUBLIC WORKS for Loans in the Year ended 31st March, 1920.

By Public Works Loans :—

Amount advanced on Loans,

By Balance

By Amount transferred to National Debt Commissioners

.. Amount transferred to Irish Land Commissioners

.. Amount transferred to H.M. Treasury

*Expenditure.*By Amount paid for preliminary investigation, advertising,
scrivenery, &c. Amount transferred to Parliamentary Grants to cover
deficit on Voted Expenditure

.. Amount paid over to H.M. Exchequer

£ s. d.

£ s. d.

62,340 0 0

25,551 4 7

87,891 4 7

723,756 12 2

1,291 9 8

85 4 0

723,756 12 2

481 18 10

481 18 10

111,760 18 5

18,507 8 6

130,268 6 11

ARTERIAL DRAINAGE.

These Works are executed by District Boards in

SCHEDULE.—ABSTRACT OF FINAL AWARDS, and AGENCIES, &c.

Districts.	Counties.	Date when Awards made final.	Area of Ground or Improved Lands, which have been drained or improved without drainage.	Cost per Acre to Completion, of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of these Lands, caused by Drainage.	Amount of Landowners' payments half yearly, to cover Costs with interest after deducting Subsidies.	£ s. d. and pence payable by the State.
Ashboy River	Meath.	4th April, 1869.	1,288 0 27	8 0 5	559 16 4	—	—
Ballinacorney.	Limerick.	2nd Oct., 1875.	179 6 5	7 1 5	52 5 1	—	—
Ballyadara.	Queen's.	9th Oct., 1883.	823 2 0	4 5 5	264 15 0	7 16 10	20
Ballycolliton.	Tipperary.	9th Oct., 1891.	287 1 19	4 14 4	93 7 8	—	—
Ballyvaughan.	King's and Queen's.	9th April, 1888.	2,582 1 33	2 7 5	516 14 6	—	—
Ballyvaughan & Kilmara.	Wexford.	9th Oct., 1884.	3,603 3 23	2 9 10	1,335 4 9	311 13 2	8
Ballyvaughan.	Kildare.	13th Mar., 1875.	1,968 2 39	4 0 5	568 4 3	—	—
Barrakyle.	Limerick.	3rd April, 1882.	1,017 1 32	9 15 1	497 19 9	—	—
Boolinacraig.	King's.	27th Mar., 1875.	928 3 29	3 7 1	197 12 8	—	—
Brickley River	Waterford.	26th Sept., 1879.	329 1 20	5 4 3	397 2 1	—	—
Bride River.	Cork.	9th Oct., 1883.	1,209 3 4	6 15 8	631 3 2	29 9 5	17
Brinkey.	Limerick.	26th Oct., 1890.	863 1 26	1 19 2	128 2 5	16 18 2	1
Canoge.	Limerick.	18th Sept., 1876.	1,205 1 6	9 3 1	577 4 5	—	—
Carraigbun, &c.	Cork.	2nd April, 1890.	624 2 29	7 12 1	256 13 6	117 3 1	26
Cashin.	Kerry.	9th Oct., 1899.	4,794 2 19	2 2 0	582 24 4	77 4 8	12
Clodiagh River.	Tipperary.	30th May, 1872.	1,857 1 4	4 3 7	395 4 7	—	—
Connell.	Kildare.	19th Jan., 1879.	747 2 0	2 6 5	171 12 9	—	—
Curraghtown.	Meath.	20th Mar., 1874.	166 0 10	4 19 4	60 15 7	19 6 2	20
Currygrane.	Longford.	9th Oct., 1883.	118 3 37	5 9 4	27 14 1	3 7 5	17
Derrislogh.	King's.	8th October, 1874.	622 0 39	3 6 5	142 15 4	—	—
Doohyla.	Limerick.	9th Oct., 1871.	469 2 32	6 2 7	145 9 2	—	—
Douglas River	Carlow.	31st Mar., 1875.	3,668 2 0	4 7 2	922 15 0	—	—
Dunderry.	Meath.	8th Oct., 1897.	1,657 1 34	6 1 8	497 1 11	169 5 4	40
Hipkin.	Rooscommon.	26th Mar., 1872.	2,335 3 12	4 11 2	1,036 1 16	—	—
Parney Bridge.	Tipperary.	31st Mar., 1898.	540 2 26	1 6 10	47 11 6	33 11 0	7
Pollstown.	Meath.	9th Oct., 1885.	861 3 32	5 2 1	19 9 8	—	—
Do.	Do.	9th Oct., 1891.	—	—	—	—	—
Frankford River.	King's.	27th Mar., 1875.	1,294 2 0	6 5 5	414 16 0	—	—
Do.	Do.	4th April, 1884.	—	—	—	—	—
Garristown and Delvin.	Meath and Dublin	2nd April, 1882.	1,034 1 25	4 11 4	461 3 0	—	—
Glacken.	Cork.	4th April, 1888.	233 1 0	10 9 4	111 15 3	—	—
Greanagh.	Limerick.	6th April, 1890.	2,259 3 24	5 9 4	544 9 0	90 15 2	11
Gully.	Queen's.	6th Oct., 1873.	1,064 6 16	4 4 11	542 12 9	—	—
Gully Upper.	Queen's.	14th Mar., 1878.	366 1 18	4 13 7	129 12 2	—	—
Hogan's Pass.	Tipperary.	9th Oct., 1885.	855 1 25	5 12 6	288 13 10	27 9 6	4
Inny Upper.	Meath, Westmeath, Longford, & Carlow.	4th April, 1881.	11,075 2 7	7 8 3	2,760 2 4	649 15 10	12
Island Lakes, and Glace River.	Mayo.	2nd April, 1875.	1,457 0 22	5 16 6	443 5 6	—	—
Carried forward.			55,436 2 27	—	13,281 6 6	1,433 19 7	

* These Charges have expired.

26 & 27 Vic., c. 85, &c.

accordance with the Provisions of the above Acts.

thereunder, for the Year ended 31st March, 1920.

Total Amount Advanced, including interest to date of award	Portion of Total Advances charged to County or Public Works or refunded by Drainage Board.	Amount charged on Loans	Principal Outstanding on 31st March, 1920	Repayments to 31st March, 1920.	Location.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
11,341 16 2	—	11,341 16 2	a —	—	Athboy River.
1,268 3 10	—	1,268 3 10	a —	—	Ballinacourty.
3,699 6 0	88 10 0	3,670 16 0	120 9 7	—	Ballydam.
1,491 9 0	87 10 0	1,387 18 0	11 0 2	12 1 1	Ballycolliton.
5,975 9 1	—	5,975 9 1	a —	—	Ballynacarrig.
13,741 0 0	—	13,741 0 0	3,899 16 4	2,666 8 7	Ballytolgus and Kilmore
4,311 1 2	320 15 2	7,860 6 0	a —	—	Baltresay.
4,155 17 9	1,000 12 7	7,577 8 2	a —	—	Banshyle
*2,380 0 0	—	2,380 0 0	a —	—	Bodmarig.
2,397 2 4	—	2,397 2 4	a —	—	Brickley River.
4,323 12 0	—	4,323 12 0	a —	—	Bride River.
6,721 8 3	166 2 6	6,615 6 9	369 19 3	—	Bunkey.
1,763 6 0	50 0 0	1,713 6 0	15 3 3	—	Carnage.
11,745 19 4	200 0 0	11,545 19 4	—	—	Cartigrohan, &c.
24,749 10 9	—	4,769 10 9	2,615 13 11	1 15 2	Cashen
10,054 16 0	—	10,054 16 0	824 9 11	124 2 6	Cashen
6,934 11 4	—	6,933 11 6	a —	—	Clough River.
2,462 13 0	—	2,462 13 0	a —	—	Conard.
774 10 9	—	774 10 9	587 16 4	—	Couraghtown
628 16 0	—	628 16 0	46 16 0	—	Covergrange.
2,105 12 9	60 9 0	2,065 12 9	a —	—	Derrilough.
2,512 6 0	—	2,512 6 0	669 2 0	865 6 2	Dockyle.
13,553 6 5	190 0 0	13,473 6 8	a —	—	Douglas River.
8,594 12 19	478 16 8	8,117 14 1	2,110 4 6	11 15 8	Dunderry.
15,340 17 0	458 0 0	15,482 17 0	a —	—	Elphin.
724 11 7	—	724 11 7	372 8 7	0 14 4	Fatney Bridge.
1,021 15 0	—	1,021 15 0	a —	—	Follstown
403 13 0	45 0 0	358 13 0	a —	—	Do
6,748 6 4	90 0 0	6,668 6 4	a —	—	Frankford River.
675 17 4	—	675 17 4	a —	—	Do
4,343 15 0	825 0 0	4,723 15 0	a —	—	Garristown and Delrin
1,394 19 0	—	1,394 19 0	a —	—	Glasheen
12,391 7 0	513 0 0 1,075 12 6	12,392 14 6	899 1 9	197 5 4	Greenagh
4,517 11 8	—	4,517 11 8	a —	—	Gully
2,447 15 2	70 0 0	2,377 15 2	—	—	Gully, Upper.
5,396 12 0	214 4 0 5300 0 0	4,642 8 0	97 9 7	—	Hagan's Pass.
92,490 5 6	2,192 13 6 12,798 0 0	94,522 12 0	4,719 12 11	1,433 6 11	Isny, Upper.
6,704 13 7	215 0 0 1,150 0 0	8,339 13 7	a —	—	Island Lakes and Glost River
224,656 12 4 28,350 0 0	10,726 19 0	280,439 13 4	29,755 1 7	3,422 0 11	

* Issued out of the Church Fund.

* In addition to the amount there was expended a sum of £195 15 6d, being the moiety of cost of county road bridges, such sum having been received from the

ARTIFICIAL DRAINAGE.

These Works are executed by District Boards in

SCHEDULE.—ABSTRACT OF FINAL AWARDS, and AVERAGE, &c.,

Districts.	Counties.	Date when Awards made (local).	Area of Flooded or Drained Land, which have been drained or improved (Statute Measure).	Cost per Acre to Proprietors, of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of those Lands, caused by Drainage.	Amount of Installments payable (half yearly, to repay Cost, with interest, after deducting Reimbursements).	Value of Installments repaid in full (local).
			A. R. P.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
	Brought forward.		55,436 2 27	—	15,381 6 6	1,403 19 7	—
Kildare.	Kildare.	29th Sept., 1877.	2,547 3 30	3 11 6	546 7 10	—	—
Killard.	Cork.	9th Oct., 1894.	501 1 6	9 4 1	153 15 3	27 9 8	20
Kilmaistulla.	Tipperary.	26th July, 1878.	1,681 1 18	6 10 7	582 12 2	—	—
Lanscor.	Meath.	2nd April, 1880.	879 1 22	7 0 7	204 12 10	27 31 6	10
Lee River.	Kildare and Carlow.	9th Oct., 1885.	1,684 3 26	14 8 11	626 5 0	77 15 7	27
Lough Broc.	Cavan, Donegal, Fermanagh, & Monaghan.	4th April, 1891.	15,227 0 36	11 16 11	4,716 11 0	1,206 14 6	40
Do. (Navigation).	Do.	—	—	—	—	—	—
Lough Goughier.	Cavan.	4th April, 1878.	3,077 1 39	5 1 11	846 15 9	117 16 9	4
Millard.	Cork.	8th Oct., 1897.	1,015 6 10	8 14 9	469 0 7	53 18 1	6
Morning Star, Upper.	Limerick.	4th April, 1888.	830 2 35	8 12 9	256 1 0	49 8 8	7
Mulhear River.	Limerick.	30th Sept., 1877.	3,220 2 24	9 4 1	923 9 11	201 18 11	2
Nanny River.	Meath.	4th April, 1888.	784 3 6	10 5 1	685 15 2	143 12 9	7
Do. Upper.	Do.	4th April, 1888.	163 1 20	4 7 9	72 11 2	56 10 7	7
Owcaroe.	Do.	1st April, 1888.	2,207 2 0	5 0 9	694 7 6	219 15 4	7
Palles River.	Tipperary.	8th Oct., 1907.	940 0 10	3 2 0	210 1 5	72 17 3	45
Parsonstown.	Tipperary and King's.	26th Sept., 1874.	2,719 0 1	4 4 6	686 19 5	—	—
Quinagh.	Carlow.	18th Jan., 1870.	680 2 6	3 13 5	208 1 5	—	—
Rathangan River.	Kildare.	4th April, 1883.	8,864 2 3	8 12 6	3,044 19 10	184 18 9	19
Rathdowney.	Queen's.	9th Oct., 1898.	413 1 39	6 6 1	189 0 4	—	—
Silver River.	King's & Westmeath.	8th October, 1879.	1,092 2 30	3 12 8	216 10 9	—	—
Scrubbridge.	Clare.	4th April, 1871.	2,595 0 4	7 13 2	1,229 14 11	—	—
Shoneyford River.	Kildare.	9th Oct., 1884.	3,264 0 0	8 18 3	1,520 15 10	174 10 8	24
Sock River.	Galway & Roscommon.	22nd Oct., 1895.	16,599 1 14	8 7 1	3,612 12 2	10,306 18 2	31
Do.	Do.	—	—	—	—	1,423 13 10	31
Do. (Catchment Area).	Do.	—	—	—	—	292 10 0	—
Swanlinbar.	Cavan.	23rd Mar., 1890.	265 2 19	7 6 6	138 15 2	—	—
Swilly Burn.	Donegal.	9th Oct., 1896.	1,694 2 19	6 2 1	485 5 8	52 4 11	4
Torrent River.	Tyrose.	2nd April, 1875.	453 1 16	11 7 1	326 18 10	—	—
Tory Hill.	Limerick.	2nd April, 1878.	941 3 2	6 4 4	434 13 4	—	—
Tramore.	Cork.	9th Sept., 1890.	329 0 17	6 2 9	243 18 4	—	—
Trinogue.	Queen's.	3rd April, 1865.	339 2 25	5 9 7	142 0 4	60 9 8	14
Ward River.	Deblin and Meath.	4th April, 1883.	886 0 18	7 10 1	314 7 5	85 6 9	13
Total for all the districts.			138,799 1 9	Average 7 2 2	36,739 16 2	5,848 0 1	—

a Thus charged have expired.

b Payable by proprietors.

c Payable by companies.

26 & 27 Vic., c. 88, &c.

accordance with the Provisions of the above Acts.

hereunder, for the Year ended 31st March, 1920.

Total Annual Advances, including interest on date of Award.	Portion of Total Advances charged to Grants for Public Works or refunded by Drainage Board.	Amount charged on Loans.	Principal Outstanding on 31st March, 1920.	Debitments in ARD at 31st March, 1920.	Districts
£ s d	£ s d	£ s d	£ s d	£ s d	
294,625 12 4 +2,350 0 0	10,736 19 0	280,439 13 4	29,205 1 7	5,422 0 11	
8,557 4 5	290 0 0	8,267 4 5	55 5 9	100 11 4	Kildare
1,852 5 5	—	1,852 5 5	392 0 10	—	Kildare
10,980 7 8	—	10,980 7 8	—	—	Kilmainshilla
6,217 12 10	35 15 4	6,181 17 6	222 16 7	—	Lansme
27,916 2 0	302 0 0	27,714 2 0	1,604 4 6	—	Lea River
163,607 16 0	—	163,607 16 0	31,846 13 11	99 16 0	Lough Shee
177,197 14 0	17,197 14 0	—	—	—	Do. Navigation
35,186 4 0	—	35,186 4 0	354 15 6	4 2 10	Lough Ogish
8,871 14 6	—	8,871 14 6	559 14 1	562 16 9	Miford
7,426 0 0	250 0 0	7,176 0 0	302 12 11	0 16 4	Morning Star, Upper
30,779 0 0	554 1 0	29,914 19 0	339 0 0	—	Mulkear River
6,983 5 7	544 0 0 170 19 7	6,949 5 0	625 15 5	—	Nanny River
1,943 12 0	—	1,943 12 0	199 15 1	—	Do. Upper
11,469 12 6	346 16 6	11,121 16 0	1,399 6 7	—	Owens
2,916 9 8	—	2,916 9 8	1,131 2 0	—	Pallas River.
11,699 17 1	100 0 0	11,699 17 1	62 8 2	111 15 7	Parsnstown
2,709 18 8	1299 0 0	1,509 18 8	—	—	Quinagh
77,697 6 9	1,185 0 0	76,422 6 9	2,699 2 8	117 6 7	Rathangan River
2,546 6 2	—	2,546 6 2	—	—	Rathdowney.
3,971 2 9	—	3,971 2 9	—	—	Silver River.
20,323 12 11	424 1 3	19,904 12 3	—	—	Smallebridge
22,230 0 0	1,545 11 10 9800 9 0	20,684 8 2	1,668 16 7	—	Stoneyford River
1136,792 0 5	1,939 5 5	127,853 2 11	24,538 16 6	1,055 7 7	Suck River
+5,786 1 0	—	3,786 1 0	—	—	Do
12,000 0 0	12,000 0 0	—	5,701 4 3	—	Do. (Catchment Area)
2,082 5 5	163 0 0	1,919 5 5	—	—	Swanlinbar
9,320 12 5	577 16 9 154 0 6	8,742 15 6	185 7 3	—	Sully Barn
5,322 1 6	187 10 0	5,134 11 6	—	—	Terrill River
4,110 13 8	—	4,110 13 8	—	—	Tory Hill
2,032 15 0	70 0 0	1,962 15 0	—	—	Tramore
1,861 0 2	—	1,861 0 2	763 0 10	—	Trillick.
6,645 17 9	196 19 0	6,448 18 9	1,256 12 2	—	Ward River.
974,024 16 2 +6,135 1 0					
980,170 17 2	50,960 13 10	929,209 2 4	56,296 15 11	7,567 19 11	

* Taken out of the Church Funds.

† Refunded by Insurance Board, being portion of advances not expended.

‡ In addition an expenditure of 19,000 was met out of free grant.

§ In addition an expenditure of 10,000 was met out of free grant.

J. L. COLLINS, Accountant.

APPENDIX I.

STATEMENT showing the PURPOSES for which ADVANCES of PUBLIC MONEY are made by the COMMISSIONERS of PUBLIC WORKS in IRELAND, with the RATES OF INTEREST and PERIODS OF REPAYMENTS.

Purpose of Loan	Authorising Acts	Rate of Interest per Cent. on 31st March, 1909	Maximum Period of Repayment
LOCAL LOANS FUND.			
<i>Loans secured on Local Rates.</i>			
1. County roads, bridges, and court-houses.	1 & 2 Wm. 4, c. 33, s. 23, amended by 32 & 33 Vict., c. 74, s. 1.		50 years.
2. Court-houses erected by the Board.	6 & 7 Wm. 4, c. 116, s. 79.		1 year from completion of works.
3. Bridges between counties ...	1 & 2 Wm. 4, c. 33, amended by 4 & 5 Wm. 4, c. 61, 2 & 3 Vict., c. 59, and 30 & 31 Vict., c. 60.		30 years.
4. Public works generally, including commercial harbours, docks, canals, and bridges other than county bridges.	1 & 2 Wm. 4, c. 33, with local or special Acts.		25 years.
5. Fishery piers and harbours, construction of.	9 Vict., c. 3, and 29 & 30 Vict., c. 45.	Not exceeding	25 years.
6. Loans to Trustees of Drainage Districts carried out under the Act 5 & 6 Vict., c. 89.	43 & 44 Vict., c. 14, s. 13.	30 years, 6 50 .. 6½	12 years.
7. Repairs of fishery piers, ...	16 & 17 Vict., c. 136, sec. 11.		1 year from completion of works
8. Maintenance of navigation works.	19 & 20 Vict., c. 62 ...		Ditto.
9. Emigration	45 & 46 Vict., c. 47 ...		30 years.
10. Public Buildings— (a) Public Libraries ...	40 & 41 Vict., c. 15 & c. 54.		25 years.
(b) Reformatories	8 Edward 7, c. 67, ...		35 years.
(c) Industrial Schools			
11. *Dispensary houses, erection of.	42 & 43 Vict., c. 25 ...		50 years.
12. *Lunatic asylums buildings, erection of, &c.	1 & 2 George 4, c. 33, 8 & 9 Vict., c. 107, 18 & 19 Vict., c. 109, 40 & 41 Vict., c. 27, 56 & 57 Vict., c. 65, and 61 & 62 Vict., c. 54.		50 years.
13. Sanitary improvements ... Water supply, sewerage, &c.	Public Health Acts, ... 37 & 38 Vict., c. 9, s. 43, 41 & 42 Vict., c. 52, and 59 & 60 Vict., c. 54, s. 29.	Not exceeding 30 years, 6 50 .. 6½	50 years.
14. *Workhouse Buildings ...	61 & 62 Vict., c. 37, s. 61.		50 years.
15. Small Dwellings Acquisition	62 & 63 Vict., c. 44, and 9 & 10 Geo. 5, c. 45.		50 years.
16. Agriculture and Technical Instruction.	62 & 63 Vict., c. 50 ...		40 years.
17. Housing of the Working Classes.	53 & 54 Vict., c. 70, 8 Edw. VII, c. 61, and 9 & 10 Geo. V. ch. 45.	Provisional Rate 6	80 years.
18. Dublin Reconstruction ...	6 & 7 Geo. V., c. 60 ...	6	80 years.

* In these cases the periods allowed vary from 15 to 30 years, according to the object of the loan.

Purpose of Loan.	Authorising Acts	Rate of Interest per Cent on 1st March, 1910	Maximum Period of Repayment
LOCAL LOANS FUND			
<i>Loans not secured on Local Rates.</i>			
1. Arterial drainage works ...	26 & 27 Vict., c. 88, 28 & 29 Vict., c. 52, 37 & 38 Vict., c. 32, 43 & 44 Vict., c. 27	Not exceeding 30 years, 6½ 50 .. 6½	35 years. Compound sum (Principal, with interest during pro- gress of works) re- payable by annuity of £8 12s. 2d. per cent. for 22 years, or £7 9s. 8d. per cent for 35 years.
2. Maintenance of drainage works	29 & 30 Vict., c. 49 ...		Various periods, not usually exceeding 12 years.
3. Railways and Tramways, Harbours, Docks, Canals, &c.	1 & 2 Wm IV., c. 33, & Tramways Act, 1883.		25 years.
3a. Loans under the Harbours and Passing Tolls Act, 1861:			
With collateral security of property.	{ —	{ Not exceeding 30 years, 6 50 .. 6½	{ 30 years. 50 years.
Without collateral se- curity.	{ —	{ Not exceeding 30 years, 6½ 50 .. 6½	{ 30 years. 50 years.
4. Reclamation of waste lands (see also Land Law Act, 1881.)	1 & 2 Wm. IV., c. 33.		3 years from com- pletion of works.
5. Loans to Pier Authorities created by Shannon Act, 1883	Shannon Act, 1885 ...		50 years.
6. Glebe houses, erection of, and purchase of land, &c	33 & 34 Vict., c. 112 34 & 35 Vict., c. 100, and Expiring Laws Continuance Acts		35 years.
7. Land improvement prelimi- nary expenses.	10 Vict., c. 32, s. 15 ...		—
8. Land improvement — Loans to owners—			
(a) For sub-soiling, trenching, irrigation, embanking, fencing, and reclamation of waste lands	10 Vict., c. 32 ...		22 years.
(b) For farm buildings, houses and offices, scutch mills, labourers' dwellings, and planting	10 Vict., c. 32 ... 29 & 30 Vict., c. 49 ...	Not exceeding 30 years, 6½ 50 .. 6½	{ 22 years. 35 years
(c) For labourers' cottages erected by order of Land Commission.	10 Vict., c. 32, s. 7, and Land Law Act, 1881, s. 19.		22 years.
9. National school teachers' residences, erection of.	38 & 39 Vict., c. 82 ...		35 years
10. *Dispensary houses, erection of.	42 & 43 Vict., c. 25 ...		35 years.
11. Non-vested schools and train- ing colleges, erection of.	47 & 48 Vict., c. 22 ...		35 years.
12. Land Law Act, 1881 ...	44 & 45 Vict., c. 49, s. 31.		
(a) Loans to occupiers for im- provement of their hold- ings.			22 years
(b) Loans to Companies for re- clamation of waste lands, &c.			50 years.
13. Housing of the working classes.	53 & 54 Vict., c. 70, and 9 & 10 Geo. v., c. 45		
1. Subsidised schemes, to public utility societies.		Not exceeding 50 years { Provisional rate, 6 }	50 years
2. Non-subsidised schemes—			
(a) to companies and private persons limit- ing their profits.	{ —	{ Not exceeding 30 years, 6 40 years, 6½	{ 30 years. 40 years
(b) to companies and private persons not so limiting their profits.	{ —	{ Not exceeding 30 years, 6½ 40 years, 6½	{ 30 years 40 years
14. Loans to Congested Districts Board.	1 & 2 Wm. IV., & 54 & 15 Vic., c. 48, & 40 & 41	5½	50 years

T—continued.

Act. 1883, 46 & 47 Vic., cap. 43.

[illegible]

¹ In addition to this sum, there was paid in the year 1914-5 the sum of £2,300 out of Parliamentary Grant to the Government as a relief of the charges thrown upon it in consequence of the Camp accident. ² Owing Company's duties. ³ Paid by Ministry of Transport.

^aFor the year 1974-5 the sum of £2,000 and of Parliamentary Grant to the
Dowling Company's charge. ^bPaid by Ministry of Transport.

^aFold by Ministry of Transport

APPENDIX (K) TO EIGHTY-EIGHTH REPORT OF THE COMMISSIONERS OF PUBLIC WORKS IN IRELAND.

[1919-1920]

RAILWAYS (IRELAND) ACT, 1896, 59 & 60 VICT., c. 24.

(a) Lines constructed under the Act.

Lines.	Total Estimated Cost.	Contribution from Public Funds proposed or authorised.	Capital guaranteed by County only.	Dividend guaranteed (by County).	Period.	Receipts.	Authorised Expenditure (limited to £3 10s. per mile per week).	Surplus Revenue.
	£	£	£	per cent		£	£	£
Buncrana and Carnadoagh, Co. Donegal. Length of Line—18½ miles Line opened in 1901	*114,825	93,827	5,940	4	1901 (6 months to 31 Dec., 1901) to 1907 1908-1915 1916 1917 1918 1919 1920	24,828 27,631 5,226 — — — — —	26,391 26,324 3,340 — — — — —	4,434 11,307 2,856 1,396 1,379 1,490 — —
Letterkenny and Barmasport, Co. Donegal. Length of Line—49½ miles Line opened in 1903	†124,008	118,847	5,930	4	(10 months to 31 Dec. 1903) to 1907 1908-1915 1916 1917 1918 1919 1920	48,119 96,732 14,263 — — — — —	37,384 31,725 8,095 — — — — —	10,380 25,007 5,598 3,941 3,921 4,000 — —

* Of this amount the Working Company were to contribute a maximum sum of £15,000. The difference between the Contribution from Public Funds, and the total estimated cost is made up by the sum of £5,297 10s. 6d., proceeds of the issue of £5,840 Barmah Stock, plus the £42,000 referred to.

† The difference between the contribution from Public Funds and the total estimated cost is made up by the sum of £5,212 9s., proceeds of the issue of £5,000 Barmah Stock, which has been received in the Office of Public Works. The amount to be expended by that department is therefore £124,000.

‡ The net surplus revenue (after payment of the guaranteed dividend of 4 per cent on £10,940) is divided between the Treasury and the Working Company in equal shares.

NOTE:—During the period of Government Control of Railways from 1st January, 1917, the net receipts are based on those of 1913.

(b) Sligo and Belmullet Steamer Service (opened June 1st, 1899).

Year.	Receipts.	Expenditure.	Balances.	
			Credit.	Debit.
	£	£	£	£
1897-98	nil	1,469	—	1,469
1898-99	nil	839	—	839
1899-1900	686	13,157	—	12,561
1900-01 to 1909-10	15,164	41,265	—	26,066
1910-11 to 1914-15	10,883	17,682	—	7,132
1915-16	2,333	4,272	—	2,041
1916-17 (to 31 May, 1916)	923	1,352	—	429
1917-18	—	24	—	24
1918-19	—	90	—	90
1919-20	—	185	—	185

OFFICE OF PUBLIC WORKS, DUBLIN.

J. L. COLLINS, Accountant.